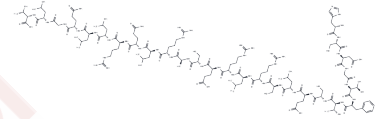


## Secretin, canine

## Chemical Properties

CAS No. :	110786-77-1
Formula:	C131H222N44O41
Molecular Weight:	3069.43
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Secretin is an endocrine hormone that stimulates the secretion of bicarbonate-rich pancreatic fluids. Canine secretin can regulate gastric chief cell function and paracellular permeability in canine gastric monolayers by a Src kinase-dependent pathway.
Targets(IC50)	Src

## Solubility Information

Solubility	H2O: Soluble, ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3258 mL	1.629 mL	3.2579 mL
5 mM	0.0652 mL	0.3258 mL	0.6516 mL
10 mM	0.0326 mL	0.1629 mL	0.3258 mL
50 mM	0.0065 mL	0.0326 mL	0.0652 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Wollin A, et al. Actions of histamine, secretin, and PGE2 on cyclic AMP production by isolated canine fundic mucosal cells. Am J Physiol. 1979 Nov;237(5):E437-43.

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